

**California Department of Transportation
Storm Water Management Program
Regional Work Plan
San Diego Region 9**

**Fiscal Year
2006-2007**

CTSW-RT-06-132-16.1



**California Department of Transportation
Division of Environmental Analysis
Storm Water Management Program
2829 Juan Street, San Diego, California 92110
<http://www.dot.ca.gov/hq/env/stormwater>**

April 1, 2006



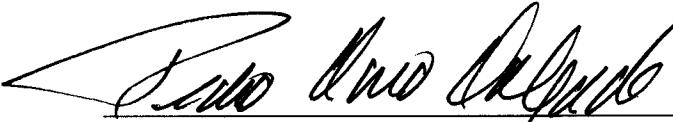
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**California Department of Transportation
District 11 Certification**

Regional Work Plan 2006-2007

**California Regional Water Quality Control Board
San Diego Region 9**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]


Pedro Orso-Delgado
District 11


Date

California Department
of Transportation
District 11

Approval

Regional Work Plan 2006/2007

*California Regional Water Quality Control Board
San Diego Region 9*

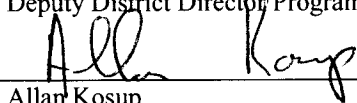
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California Department of Transportation District 11



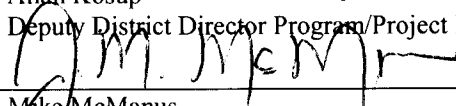
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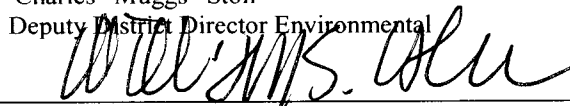
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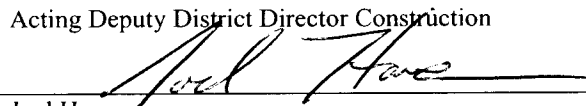
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1.0 INTRODUCTION

General Information about this Regional Work Plan (RWP)

The Regional Work Plan (RWP) provides region-specific information for District 11, Region 9's water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the California Department of Transportation (Department) will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board (RWQCB) during Fiscal Year 2006-2007 as required by the *Department Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

Goals and Commitments

The District continues to implement its storm water program for all Divisions. For Construction, a modification to the weekly rainy season critical meetings has taken place to make them more target-oriented. A construction storm water inspection is conducted on the targeted project prior to the meeting; any deficiencies or schedule modifications relating to storm water issues are discussed with the Construction and Environmental Deputies, the Construction Senior, the Resident Engineer, Construction Storm Water Coordinator and the NPDES Program Manager. A post-inspection review is conducted to ensure all deficiencies identified during the pre-meeting inspection were rectified in a timely manner.

Major Changes

The District will be moving into a brand new building that will house all District personnel (excluding field staff). All departments will be in one central area and this will ensure that any issues that arise whether related to construction, design, landscape or other major areas are resolved efficiently and with interested parties' involvement.

Documentation

No major changes are taking place on any District documents. The District received a new waiver for Aerially Deposited Lead. We will continue to complete and submit the Notices of Soil Reuse with Aerially Deposited Lead (ADL) as done in the past.

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2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

District NPDES Program Manager

The NPDES Program Manager is a senior level position in charge of all storm water activities in the District. The Manager is responsible for establishing an effective storm water program and maintaining open communication with Headquarters and District management. The Program Manager provides support, direction, and guidance to the District NPDES Coordinator and the Route Managers. The NPDES Program Manager supervises staff (Route Managers), which supports the District NPDES Program. The responsibilities of the District Storm Water Program Manager include:

- Directing District operations regarding storm water
- Ensuring District efforts achieve compliance with the NPDES permit
- Being the District signatory authority for all compliance documents and commitments regarding storm water.
- Being the contact person between the District and Municipalities in regards to Storm Water issues.
- Ensuring compliance with Consent Decree requirements and commitments.
- Ensuring accuracy and adequacy of the storm water workload allocations for each fiscal year.
- Being the contact person between the District and the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other regulatory agencies regarding Storm Water.
- Active involvement in municipal coordination with other storm water permittees (municipalities and other regulated entities)
- Proposing, developing, and managing storm water monitoring programs, in coordination with the Headquarters Division of Environmental Analysis, Storm Water Program.

District NPDES Coordinator

Under the general direction of the District NPDES Program Manager, the NPDES Coordinator is responsible for the development of District storm water quality policies. The NPDES Coordinator is responsible for identifying issues and developing recommendations related to storm water quality while effectively working with applicable units affected. The specific storm water tasks for which the DSWC is responsible include the following:

- Provide guidance and direction for the preparation, development, and implementation of a comprehensive District Storm Water Program.
- Assist the District functional units in prioritizing, monitoring, tracking, and evaluating storm water resources, activities, and operations.

- Implement a quality assurance and quality control program for monitoring the activities of the District functional units, in order to ensure that the conditions of the Permit, Consent Decree, SWMP, and RWP are implemented properly.
- Represent the District at the Storm Water Advisory Teams (SWATs) identified in the SWMP.
- Assist in development of Storm Water training programs.

Route Managers

Under the general direction of the District NPDES Coordinator, the Route Managers are engineers responsible for ensuring compliance development of District storm water quality policies. The specific storm water tasks for which the Route Managers are responsible include the following:

- Reviews adequacy of Storm Water Data Reports for all District projects as required by the Project Planning and Design Guide.
- Working participant in preparation of contract specifications and estimates to address development of Storm Water Pollution Prevention Plans (SWPPPs) and Water Pollution Control Plans (WPCPs).
- Working participant in preparation of contract plans, specifications, and estimates (PS&E) to address temporary Best management Practices (BMPs).
- Prepares or aids in the preparation of the contract PS&E for inclusion of permanent control measures to improve or minimize water quality impacts.
- Ensures adequate preparation of the Notification of Construction and other RWQCB notifications as required by the Permit.
- Provides oversight on activities related to notification procedures for reuse of soil containing lead in accordance with variances issued by the Department of Toxic Substances Control (DTSC).
- Reviews encroachment permit applications to ensure compliance with Storm Water requirements.

Maintenance Storm Water Coordinator

The Maintenance Storm Water Coordinator is responsible for communicating with Maintenance management and staff level regarding the proper implementation of maintenance related sections of the SWMP and RWP. The specific storm water tasks for which the Route Managers are responsible include the following:

- Oversight of maintenance activities to ensure compliance with Storm Water Permit, Consent Decree, and SWMP.
- Conducts Facility Pollution Prevention Plan (FPPP) inspections and preparation of report for submittal to Consent Decree Plaintiffs and applicable RWQCB.
- District representative to the Maintenance SWAT

- Oversees Vegetation Control Plan (VCP) compliance and preparation as required by the Permit, ensures adequate submittal to regulatory agencies.
- Review of District projects to ensure maintainability of storm water measures upon completion of construction.
- Coordinates all Storm Water training for Maintenance Personnel
- Point of contact for Maintenance related activities with regulatory agencies.
- Prepare and submit Illicit Connection/Discharge Reports to the District NPDES Coordinator
- Reviews Storm Water Data Reports to ensure compliance with Maintenance requirements

Construction Storm Water Coordinator

Under the general direction of the Division of Construction Deputy, the Construction Storm Water Coordinator (CSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water quality program. The CSWC is responsible for the proper implementation of the SWMP and the RWP within Construction. The specific tasks for which the CSWC will be responsible include:

- Working as the primary point of contact for storm water issues during the construction phase.
- Developing and administering storm water training for Construction staff.
- Reviewing Storm Water Pollution Prevention Plans (SWPPP) and Water Pollution Control Plans (WPCPs).
- Conducting final project closeout inspections to ensure compliance with the Notice of completion of Construction (NOCCs) submittals.
- Submitting approved SWPPPs and other reports to the RWQCBs as requested.
- Providing oversight inspections for Construction projects.
- Preparing and submitting Notice of Non-Compliance (NONCs).
- Preparing and submitting Illicit Connection/Discharge Reports for Construction projects to the District NPDES Coordinator
- Representing Construction in the District's SWAT Meetings.
- Providing input to the Annual Report and other consent decree reports.
- Ensuring that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented.
- Serving as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff.

- Supporting the design related functional units in determining specific project needs and evaluation of water pollution control measures in the field.

In compliance with Permit Section M.10.b, the following individuals/positions listed in Table 2–2 are authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Storm Water Program.

Portions of Caltrans District 11 fall within the jurisdiction of the San Diego Regional Water Quality Control Board (SDRWQCB). An organizational chart for the District 11 Region's Storm Water responsibilities is shown in Figure 2–1. Staff members responsible for implementing the SWMP within the SDRWQCB jurisdiction are listed in Table 2–1. Delegation of signatory authority for key Permit/SWMP required documents is included in Table 2–2.

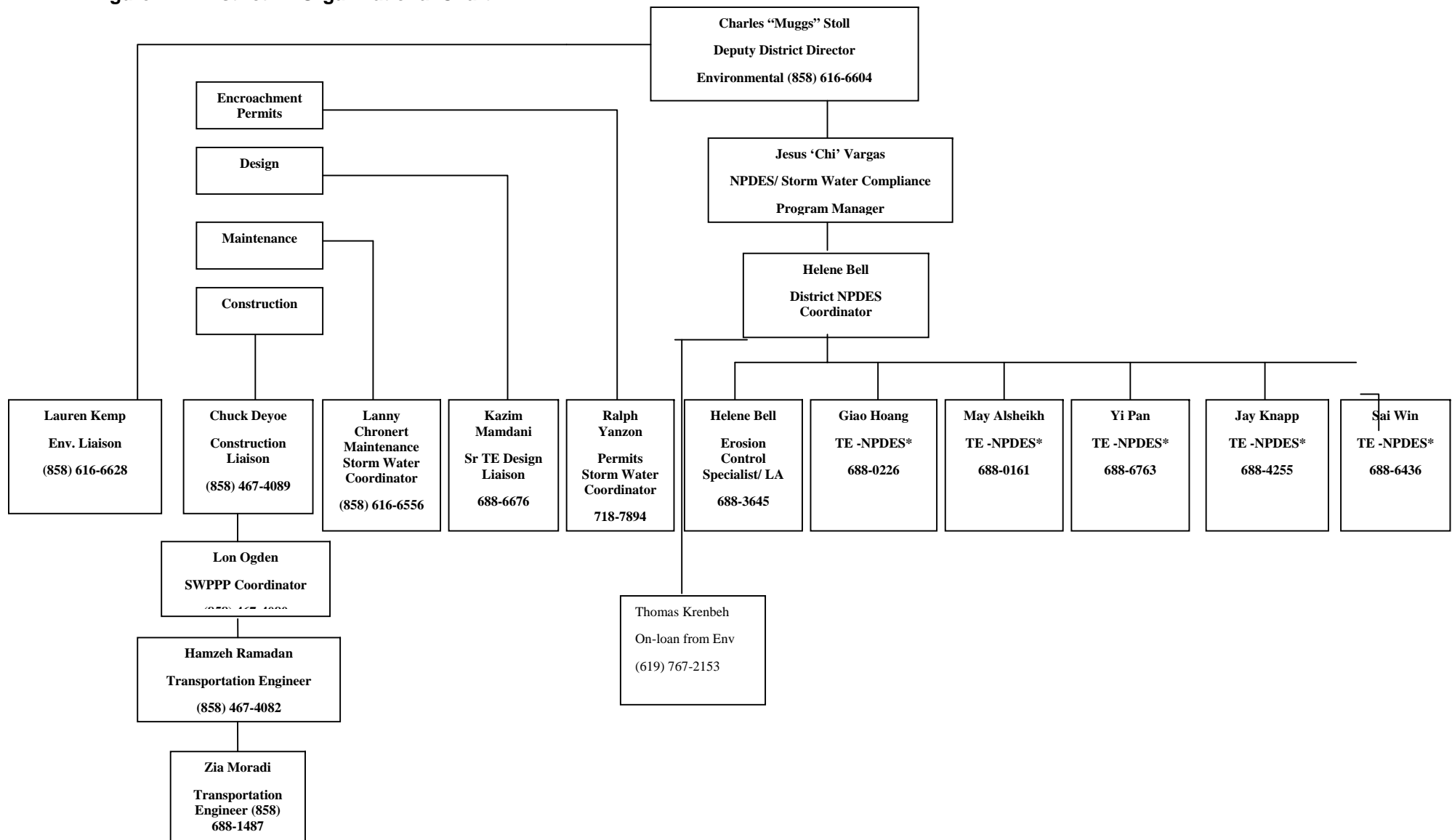
Table 2–1: District 11 Department Storm Water Personnel and Responsibilities

Staff Name	Title	Phone No.	Responsibility
Jesus “Chi” Vargas	NPDES Program Manager	(619) 688-3626	Oversee all aspects of the District Storm Water Program
Helene Bell	District NPDES Coordinator	(619) 688-3645	Ensure compliance with Permit Requirements, liaison between NPDES and other Divisions and functional units.
Lanny Chronert	Maintenance Storm Water Coordinator	(858) 616-6556	Ensure compliance with Permit Requirements from Maintenance, liaison between Maintenance and other Divisions/functional units.
Chuck Deyoe	Construction Storm Water Coordinator	(858) 467-4089	Ensure compliance with Permit Requirements from Construction, liaison between Construction and other Divisions/functional units.

Table 2–2: District 11 Signatory Authority for Key Documents

Position or Individual	Phone No.	Documents Authorized for Signatures
Pedro Orso-Delgado	(619) 688-6668	All District Documents
Charles “Muggs” Stoll	(858) 616-6604	All District Documents
Jesus “Chi” Vargas	(619) 688-3626	All District Documents except Regional Work Plan
Helene Bell	(619) 688-3645	SWPPP, Notice of Construction (NOC), Notice of Construction Completion (NCC), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge (IC/ID), Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Route Managers	various	Storm Water Data Reports, 11 page estimates,
Chuck Deyoe	(858) 467-4089	SWPPPs, NOC/NCC, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID
Lanny Chronert	(858) 616-6556	Facility Pollution Prevention Plans (FPPP), Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID

Figure 2-1: District 11 Organizational Chart



3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3–1. Maps showing the District boundaries, major roads and highways within the SDRWQCB jurisdiction are presented in the accompanying Figure 3–1.

Table 3–1: District 11 Facilities				
CO	Rte	PM	Name	Comments
Maintenance Stations				
San Diego	5	9.1	Chula Vista	Highway Maintenance, 570 C Chula Vista CA 91910
San Diego	5	20.1	Pacific Highway	Landscape Maintenance, 4764 Pacific Highway San Diego CA 92110
San Diego	5	47	Carlsbad	Highway Maintenance, 6050 Paseo del Norte Carlsbad CA 92009
San Diego	8	4.4	Camino Del Rio	Landscape Maintenance, 2915 Camino del Rio South San Diego CA 92108
San Diego	8	38	Descanso	Highway Maintenance, 4171 Japatul Road Descanso CA 92113
San Diego	67	1.8	Santee	Highway Maintenance, 8502 Railroad Avenue Santee CA 92071
San Diego	75	20.3	Coronado Bridge	Highway Maintenance, 1995 Newton Avenue San Diego CA 92113
San Diego	78	16	Escondido	Highway Maintenance, 1780 W Mission Avenue Escondido CA 92029
San Diego	79	28.3	Lake Henshaw	Highway Maintenance, 27174 Highway 79 Santa Ysabel CA 92070
San Diego	905	3.8	Otay	Landscape Maintenance, 3310 Beyer Blvd. San Ysidro CA 92173
San Diego	805	21.8	Kearny Mesa	Highway Maintenance, 7181 Opportunity Rd. San Diego CA 92113
San Diego	5	12.5	Chollas	Structural Bridge Operations, 1505 Rigel St. San Diego, CA 92113
San Diego	805	12.3	Imperial	Landscape Maintenance, 130 47th St San Diego, CA 92101
Recycling Yards				
San Diego	54		Singer Lane	Rte 54/94 Separation
Vista Points				
SD	5	39.1	Manchester	Vista Point
SD	5	63.7	Las Flores	Vista Point
SD	8	35.5	Viejas Grade	Vista Point
Commercial Vehicle Enforcement Facilities				
SD	5	67.1	San Onofre	NB

Table 3–1: District 11 Facilities				
CO	Rte	PM	Name	Comments
SD	5	67.4	San Onofre	SB
SD	15	53.5	Rainbow	Southbound (SB)
SD	905	12	Otay Mesa	Northbound (NB)
Roadside Rest Areas				
SD	5	59.4	Aliso Creek	5.8 mi. N of Oceanside; NB & SB
SD	8	R49	Buckman Springs	3.3 mi. E of Pine Valley
Park and Ride Facilities				
SD	5	39.8	Birmingham	NE corner Birmingham Dr in Cardiff
SD	5	26.8	Gilman Dr	SW corner Gilman Dr IC
SD	5	32.9	Carmel Valley	SW corner Carmel Valley Rd
SD	5	44-45	La Costa	NE, 710 La Costa Ave.
SD	8	9.7	La Mesa	SE corner Alvarado Rd & 70th St
SD	8	12.7	Fuerte Dr	SW corner I-8 & Fuerte Dr
SD	8	14.2	Murray	S side Murray Dr abutting Route 8
SD	8	20.1	Camino Canada	SE corner Camino Canada in Glenview
SD	8	21.8	Lake Jennings	NE corner Lake Jennings Park Rd
SD	8	37.8	Japatul Valley	NW corner Japatul Valley Rd
SD	8	12.1	Severin-Bancroft	SW, 5480 Bancroft Dr
SD	8	13.1	Severin-Murray	NE, 9307 Murray Dr
SD	8	17	E. Main-Madison	NE, 1470 East Madison
SD	8	0.99	Taylor	SW, 4300 Taylor St.
SD	8	21.7	Los Coches	SE, 13702 Camino Canada
SD	8	8.7	70th Alvarado	SE, 7100 Alvarado
SD	15	15.8	Mira Mesa	NW, 4929 Mira Mesa
SD	15	15.8	Mira Mesa	NW corner Mira Mesa IC
SD	15	18.2	Community Rd	SW of Community & Twin Peaks Rd
SD	15	18.2	Penasquitos	SW corner Rancho Penasquitos Blvd
SD	15	21.2	Elephant Bar	West Bernardo Dr
SD	15	32.9	El Norte Pkwy	SE corner El Norte Pkwy IC
SD	15	15-16	Black Mtn	Black Mtn at Hillery Dr
SD	15	18-19	Poway-Sabre Springs	NW 12668 Sabre Spring Blvd (mall)
SD	15	23.5	Rancho Bernardo	NW, Rancho Bernardo Rd
SD	15	36.5	Deer Springs Rd	Deer Springs Rd at Serendipity Lane

Table 3–1: District 11 Facilities				
CO	Rte	PM	Name	Comments
SD	15	39.3	Mt. Meadows Rd	Mt. Meadows Rd at Champagne Blvd
SD	15	40.8	Gopher Canyon Rd	Gopher Canyon Rd/Champagne Blvd
SD	15	26.7	Via Rancho Pkwy	North County Fair
SD	52	13-14	Mission Gorge/Big Rock Dr	SE, Santee
SD	54	2.5	Jamacha Blvd	S side Jamacha Blvd near Sweetwater
SD	54	15	Washington Ave	S side near Jamacha Rd
SD	54	16	Madison in El Cajon	N side near Main St
SD	56	0.7	Rancho Carmel	NE, 10155 Rancho Carmel Dr.
SD	56	0.3	Ted Williams Pkwy	Ted Williams Pkwy/Sabre Springs Pkwy
SD	67	3.9	Riverford Dr.	NE, 11575 Woodside Ave
SD	67	5.5	Mapleview	NE, 12522 Mapleview
SD	76	17.3	Hwy 76 - I-15	NW
SD	76	3-Feb	Mission Ave/Frontier Dr	SE, Oceanside
SD	78	3.3	College (S)	SE, 3700 Haymer
SD	78	6.9	Sunset	SW, 501 Seaview Place
SD	78	4-Mar	Hwy 78-College (N)	NW
SD	78	5.9	Broadway	SW, 871 North Broadway
SD	94	12.8	Sweetwater Springs	NE, 3642 Agua Dulce
SD	94	9-Aug	Lemon Grove High	SW, 7675 High St.
SD	125	13-14	Bancroft-Grossmont	SW, 5230 Bancroft Dr
SD	805	8.6	Sweetwater	SE, 2300 Sweetwater Rd
SD	805	24.4	Governor	NW, 5196 Governor Dr
SD	805	26.9	Mira Mesa	NE
TOLL ROAD AND TOLL BRIDGE PLAZAS				
None				

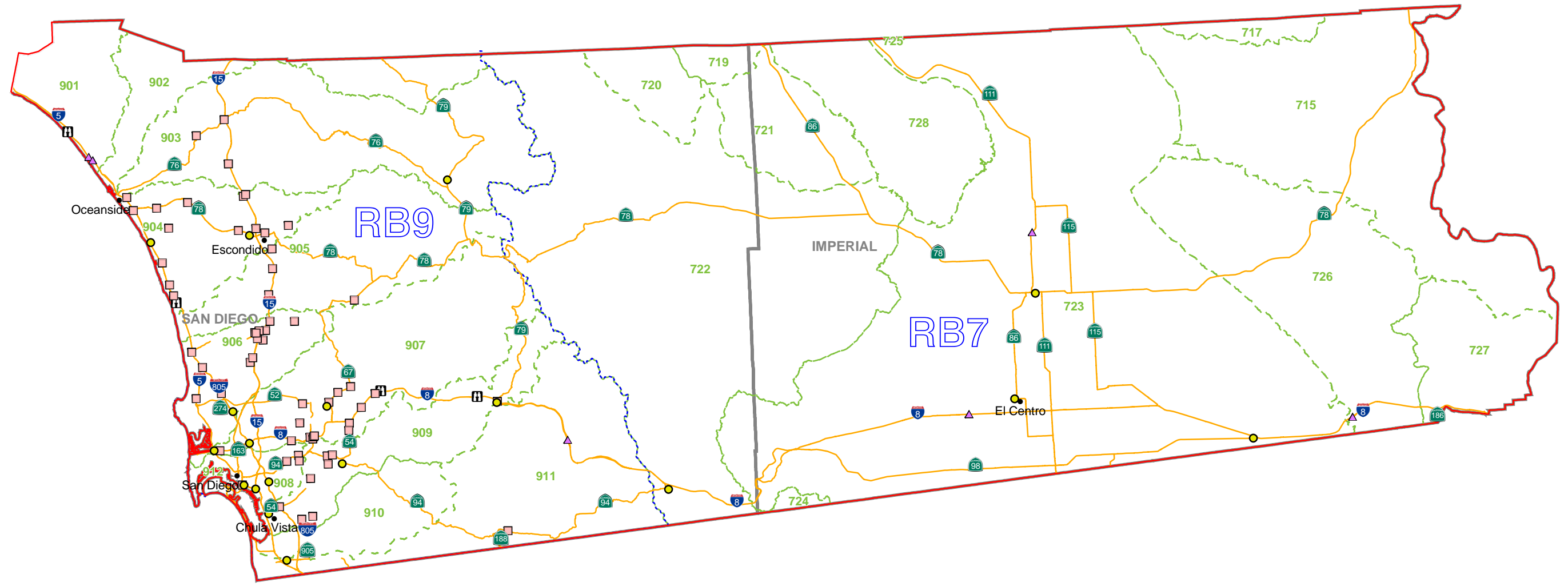
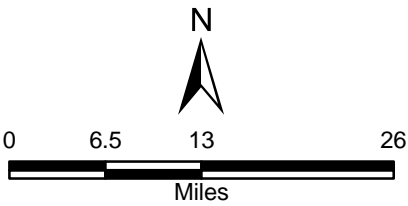
Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP.

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RWQCB Index

RB7 Colorado River Basin Region

RB9 San Diego Region



Maintenance Station Addresses

Route/ Post Mile	Name	Street Address	City and Zip Code
Colorado River Basin Regional Board (Region 7)			
8/66.50	Boulevard	4095 Old Highway 80	Boulevard Ca. 91905-0278
78/14.30	Brawley	200 South Palm Avenue	Brawley Ca. 92227-2700
86/8.50	El Centro	1605 West Adams Avenue	El Centro Ca. 92243-1903
98/56.60	Midway Yard	1/4 Mi West of East Jct 8/98	Midway Well Ca.
San Diego Regional Board (Region 9)			
5/9.10	Chula Vista	570 C Street	Chula Vista Ca. 91910-1407
5/20.10	Pacific Highway	4764 Pacific Highway	San Diego Ca. 92110
5/47.10	Carlsbad	6050 Paseo Del Norte	Carlsbad Ca. 92009-1111
8/4.40	Camino Del Rio	2915 Camino Del Rio South	San Diego Ca. 92108-3803
8/38.00	Descanso	24171 Japatul Road	Descanso Ca. 91916-0330
67/1.80	Santee	8502 Railroad Avenue	Santee Ca. 92071
75/20.30	Coronado Toll Bridge	1995 Newton Avenue	San Diego Ca. 92113-2119
78/16.00	Escondido	1780 W Mission Avenue	Escondido Ca. 92029-1111
79/28.30	Lake Henshaw	27174 Highway 79	Santa Ysabel Ca. 92070
94/NA	Singer Lane Recycle Yard	Singer Lane	Rancho San Diego Ca. 91978
117/3.80	Otay	3310 Beyer Blvd	San Ysidro Ca. 92173
805/12.30	Imperial	130 47th Street	San Diego Ca. 92102-4810
805/2180	Kearny Mesa	7181 Opportunity Road	San Diego Ca. 92111-2201
NA/NA	Chollas	1605 Rigel Street	San Diego Ca. 92113

Legend

- Major City
- Rest Area
- Maintenance Station
- Park & Ride
- Vista
- Department Facility
- Department Boundary
- RWQCB Boundary
- Hydrologic Unit
- County Boundary



Figure 3-1
District 11 RWQCB and H.U. Boundaries

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4.0 HIGH-RISK AREAS

This section describes and identifies locations where spills from the Department's owned ROW, activities, roadways, or facilities can discharge directly to a municipal or domestic water supply reservoir or a ground water recharge (percolation) facility. Projects that potentially drain to these areas consider project features that enhance spill response.

A list of high-risk areas within District 4 is presented in Table 4–1. High-risk areas (defined in the Section E.2 of the Permit) are areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the RWQCB and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department's facility, use characteristics of the facility, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

Goals and Commitments

The district is currently undergoing a major construction project within the High Risk Area. The project will implement Permanent BMPs to minimize the potential for storm water and non-storm water runoff to cause a detriment to the water quality.

Coordination and Partnerships

The District has worked with applicable agencies to ensure that any projects in the vicinity limits or eliminate any potential for non-storm water discharges that could be detrimental to the high risk area. The current construction project is being monitored under Water Quality Certification to ensure that Water Quality Standards for the water body are not impaired

Documents and Reports

The District created a Water Quality Report during the PA/ED phase of the project to inform Design and other staff of the potential for degradation of the water quality and other environmental resources. The Water Quality Report was used by Environmental Staff and Designers to implement Best Management Practices to minimize the potential for spills and to prevent water quality impacts as required by the Permit and as outlined in the SWMP.

Table 4–1: District 11 High-Risk Areas

Road Segment/ Facility	County	High-Risk Area	Description
<i>15</i>	<i>San Diego</i>	<i>Lake Hodges</i>	<i>Managed by the San Diego County Water Authority</i>

5.0 IMPLEMENTATION ACTIVITIES

Goals and Commitments

The District has conducted extensive training for its design staff to ensure that the knowledge of Storm water regulations and requirements is widespread. All Project Engineers and most Transportation Engineers have been trained on the latest Project Planning and Design Guide (PPDG). All projects are required to implement BMPs and to complete the applicable Storm Water Data Report as outlined in the PPDG.

Coordination and Partnerships

Planning for the proposed future widening of major routes is currently coordinated with municipalities and regulatory agencies to insure the implementation of permanent treatment BMPs. The District is involved in coordinating efforts with applicable municipalities where our projects fall within their boundaries.

Documents and Reports

As necessary, the District will evaluate what changes should be made to the District's existing documents and assess the need for new documents (such as manuals and guidance) that should be developed to improve implementation activities. Major upcoming changes to documents and reports will comply with the requirements of the new Permit and new SWMP, which is currently under development.

Educational Efforts

The District will evaluate what training or educational sessions may be helpful in educating District staff about implementation activities and how to address them according to the requirements of the SWMP and Permit.

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided each April. Table 5–1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “DSA”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;

- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5–1 is intended to facilitate early RWQCB staff input in the project-planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5–1.

Table 5–2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality; it provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s). Department Maintenance Storm Water Coordinators will coordinate with the appropriate RWQCBs to discuss maintenance activities listed in the RWP.

Table 5–3 summarizes various program management activities that are part of the storm water pollution prevention program.

Table 5–1: District 11 Anticipated Project Development/Construction Schedule

No.	SWMP Category*	EA #	Co.	Rte	BK PM	AH PM	Description	Water Bodies Impacted by Project	Land Disturbance Acreage	Criteria**	Anticipated Project Delivery Schedule		Construction Period	
											PA&ED Date	PS&E Date	Start Date	Completion Date
1	D	001964	SD	125	11.2	11.3	Const 6-Lane Fwy & Interchange With HOV Provisions (Stg 6)	Sweetwater River		DSA, 401	06/09/2000	10/01/2004	07/28/2005	11/03/2008
2	C	003004	SD	125	9.6	11.2	Const 8-Lane Fwy & Interchange With HOV Provisions (Stg 6)	Sweetwater River		DSA, 401	06/09/2000	11/21/2005	11/21/2005	06/17/2008
3	D	003200	SD	78	1.5-	3.3	Const Auxiliary Lane E/B	Buena Vista Creek		401.	06/13/2004	08/31/2004	11/04/2004	11/09/2005
4	C	00340K	SD	5	51.6	52	Provide Noise Abatement	Buena vista Lagoon, Loma Alta Creek		DSA	01/06/2006	02/25/2007	01/25/2009	01/25/2009
5	C	064841	SD	15	M 18.8	M 28.1	Noise Mitigation For Managed Lanes (Middle Segment)	Los Penasquitos, Lake Hodges		DSA, 303d		06/06/2005	01/04/2006	08/07/2006
6	C	065000	SD	5	R 29.5	R 30.1	Const Auxiliary Lane S/B	Los Penasquitos Creek		303d	06/13/2004	03/05/2006	07/13/2006	08/03/2007
7	D	065101	SD	5	R 34.7	R 35.7	Planting And Irrigation	San Dieguito Lagoon		DSA,		06/13/2004	07/14/2004	11/20/2009
8	D	070401	SD	15	R 3.2	R 4.1	Plantng & Irrigation Upgrade	Chollas Creek		303d	09/25/2002	08/07/2003	09/12/2004	12/20/2008
9	D	070804	SD	15	R 6.5	R 10.1	Planting And Irrigation	San Diego River		DSA	06/27/2001	06/07/2002	12/17/2002	02/18/2007
10	D	0786U1	SD	5	8.6	10	Replace Planting/Upgrade	Sweetwater River		DSA	03/28/2003	05/24/2004	12/16/2004	06/18/2009

Table 5–1: District 11 Anticipated Project Development/Construction Schedule

No.	SWMP Category*	EA #	Co.	Rte	BK PM	AH PM	Description	Water Bodies Impacted by Project	Land Disturbance Acreage	Criteria**	Anticipated Project Delivery Schedule		Construction Period	
											PA&ED Date	PS&E Date	Start Date	Completion Date
							Planting- Tea							
11	D	079401	SD	5	R 0.1	R 0.3	Construct Plaza	Tijuana River		303d	12/31/2002	06/06/2003	01/11/2005	01/11/2007
12	D	080904	SD	15	M 19	M 22	Construct Bridges And Managed Lanes	San Diego River		DSA		10/04/2002	11/20/2003	01/02/2007
13	D	080911	SD	15	M 22	M 24.1	Construct Managed Lanes	Green Valley Creek,		303d, DSA		04/29/2003	07/13/2004	08/01/2008
14	C	080921	SD	15	M 24	M 26.5	Construct Managed Lanes Unit 3	Green Valley Cr, Lake Hodges		DSA, 401, HR		10/17/2003	10/01/2004	10/20/2008
15	C	080931	SD	15	M 18.9	M 19.5	Construct Managed Lanes Middle Unit 4			303d, DSA		06/13/2004	02/07/2005	02/05/2008
16	C	080941	SD	15	M 23.3	M 27.9	Construct Managed Lanes Middle Unit 5	Green Valley Creek, Lake Hodges		DSA, 401, 303d		06/15/2005	11/23/2005	03/11/2008
17	C	081001	SD	15	M 27.8	M 31.5	Construct Managed Lanes (Freeway Component) North Segment	Lake Hodges		DSA, 303d		10/18/2006	04/26/2007	06/19/2011
18	B	08180K	SD	5	R 38.7	R 40	Construct Auxiliary Lanes	San Elijo Lagoon		DSA	02/05/2007	07/15/2008	02/12/2009	08/26/2010
19	D	091804	SD	905	R 10.9	R 11.7	Construct Interchange (Siempre Viva)	Tijuana River		DSA, 303d	04/28/2000	06/07/2002	10/29/2002	07/04/2006
20	C	091821	SD	905	R 5.8	R 11.6	Construct New Freeway-Phase 1	Tijuana River, Otay		DSA, 303d		03/10/2005	10/21/2005	10/25/2008

Table 5–1: District 11 Anticipated Project Development/Construction Schedule

No.	SWMP Category*	EA #	Co.	Rte	BK PM	AH PM	Description	Water Bodies Impacted by Project	Land Disturbance Acreage	Criteria**	Anticipated Project Delivery Schedule		Construction Period	
											PA&ED Date	PS&E Date	Start Date	Completion Date
								River						
21	C	091831	SD	905	R 5.2	R 6.1	Construct New Freeway-Phase 2	Tijuana River		DSA, 303d		10/11/2004	11/02/2005	08/14/2007
22	C	091841	SD	905	10.1	11	Construct New Freeway-Phase 3	Tijuana River, Otay River		DSA, 303d		03/31/2006	01/15/2007	01/19/2010
23	D	156584	SD	805	3.7 5		Revise Interchange	Otay River		DSA	06/06/2003	12/19/2003	04/26/2004	10/30/2005
24	C	172891	SD	56	1.8	6.6	Corridor Landscaping	Los Penasquitos Creek		DSA		10/28/2004	03/07/2005	06/24/2009
25	C	173700	SD	805	2.6	3.2	Revise Interchange	Otay River		DSA	03/23/1994	01/30/2006	09/17/2006	03/16/2008
26	C	173710	SD	805	2.6	3.2	Revise Interchange - Stage III	Otay River		DSA	12/12/2006	04/21/2008	07/27/2008	01/24/2010
27	D	183641	SD	78	10.5	11.6	Construct New Interchange	San Marcos Creek		DSA	12/02/1999	03/15/2004	08/20/2004	03/28/2007
28	C	224300	SD	5	R 36.5	R 37.9	Revise Interchange	San Dieguito River		DSA	03/02/2004	09/30/2005	03/11/2006	01/05/2007
29	C	224310	SD	5	R 36.6	R 37.3	Construct Aux Lanes	San Dieguito River		DSA	10/26/2004	10/26/2005	04/06/2006	09/28/2007
30	D	228901	SD	5	R 14.5	R 15.3	Rehabilitate Existing Freeway Ramps	Chollas Creek		303d	12/27/2000	11/14/2003	08/14/2004	08/27/2005
31	C	232304	SD	125	1.7	10.4	Const 8-Lane Fwy & Interchange With Provisions	Otay River		DSA	06/09/2000	02/26/2007	02/26/2007	06/17/2008

Table 5–1: District 11 Anticipated Project Development/Construction Schedule

No.	SWMP Category*	EA #	Co.	Rte	BK PM	AH PM	Description	Water Bodies Impacted by Project	Land Disturbance Acreage	Criteria**	Anticipated Project Delivery Schedule		Construction Period	
											PA&ED Date	PS&E Date	Start Date	Completion Date
32	C	23250K	SD	8	6.9	8.9	Extend Aux Lane, Stabilize Median, & Rehabilitate Pavement	Alvarado Channel		DSA	11/01/2005	02/01/2007	09/07/2007	12/25/2008
33	D	232604	SD	15	M 13.1	M 16.8	Widen Existing Highway And Bridge	Rose and Carrol Canyon		DSA	04/23/2002	05/22/2002	03/06/2003	04/05/2006
34	C	232650	SD	15	R 29.1	R 30.8	Const Lane Additions (SB & NB)			DSA	06/30/2002	05/05/2005	12/08/2005	01/12/2008
35	C	234200	SD	54	T 11	T 12.3	Widening Hwy (Stage 2 & 3)	Sweetwater River		DSA	07/28/2004	07/23/2005	01/10/2006	07/14/2007
36	D	2348U4	SD	15	M 18.3	M 26.1	Construct Interchange Improvements	Los Penasquitos Creek		DSA	06/18/2001	03/21/2002	01/23/2003	03/15/2006
37	D	235904	SD	15	R 0.6	R 2.4	Highway Planting And Irrigation	Chollas Creek		303d, DSA	05/10/2000	12/21/2000	08/01/2001	11/05/2007
38	C	239201	SD	5	R 28.7		Const New Overcrossing	Los Penasquitos Creek		303d	09/21/2004	01/10/2006	07/25/2006	10/18/2007
39	D	239501	SD	5	R 52.8	R 54.9	Replace Planting	Sweetwater River		DSA	12/31/2001	01/31/2003	08/14/2004	08/13/2008
40	D	239601	SD	5	R 50.9	R 52.8	Replace Planting	Buena vista Lagoon, Loma Alta Creek		DSA	07/27/2001	08/20/2003	09/12/2004	09/11/2008
41	C	241400	SD	5	R 37.5	R 39.5	Revise Interchange	San Elijo Lagoon		DSA	11/15/2005	02/16/2007	06/28/2007	12/19/2008

Table 5–1: District 11 Anticipated Project Development/Construction Schedule

No.	SWMP Category*	EA #	Co.	Rte	BK PM	AH PM	Description	Water Bodies Impacted by Project	Land Disturbance Acreage	Criteria**	Anticipated Project Delivery Schedule		Construction Period	
											PA&ED Date	PS&E Date	Start Date	Completion Date
42	C	241500	SD	163	8.3	8.9	Bridge Widen/Reconstruct NB Ramps (Clairemont Mesa Blvd OC)			DSA	03/11/2004	04/09/2005	08/27/2005	10/21/2006
43	D	241604	SD	15	M 23.7		Const Interchange Improvements	Lake Hodges and Green Valley Creek		DSA, 401, 303d	12/01/2000	08/10/2001	08/10/2001	10/31/2005
44	C	24192K	SD	78	21	21.3	Widen Shoulder And Relocate Utilities			DSA		03/23/2005	09/19/2005	01/02/2006
45	C	24640K	SD	67	R 0.7	R 1.5	Revise Interchange			DSA	11/13/2005	12/14/2006	10/14/2007	03/16/2009
46	C	254200	SD	52	5.5		Planting And Irrigation Upgrade	Rose Canyon, Tecolote Creek		DSA	01/23/2006	08/25/2006	01/08/2007	10/09/2008
47	C	254300	SD	8	2.4		Planting And Irrigation Upgrade	San Diego River		DSA	07/25/2005	03/01/2006	07/15/2006	01/31/2008
48	C	256500	SD	188	0.3		Construct Commercial Vehicle Enforcement Facility (CVEF)			DSA	07/01/2005	12/01/2005	07/21/2006	11/01/2007
49	C	256701	SD	15	M 13.1	M 16.8	Landscaping Mitigation For 232601	San Diego River, CarRol Canyon		DSA		12/25/2004	05/05/2005	05/04/2009
50	C	25790K	SD	805	15.7	17.6	Planting And Irrigation Upgrade	San Diego River		DSA	02/13/2006	01/26/2007	06/06/2007	09/13/2011

Table 5–1: District 11 Anticipated Project Development/Construction Schedule

No.	SWMP Category*	EA #	Co.	Rte	BK PM	AH PM	Description	Water Bodies Impacted by Project	Land Disturbance Acreage	Criteria**	Anticipated Project Delivery Schedule		Construction Period	
											PA&ED Date	PS&E Date	Start Date	Completion Date
51	C	258021	SD	163	0.6-3		Mitigation Planting			DSA	01/03/2001	11/30/2004	03/25/2005	09/20/2008
52	C	263600	SD	94	R 12.3	R 13.1	Planting Upgrade/Tree Planting			DSA	02/02/2006	09/15/2006	03/04/2007	08/25/2011
53	C	263700	SD	5	8.6	10	Upgrade Planting - TEA Phase 2	Sweetwater River		DSA	02/02/2006	09/15/2006	03/04/2007	08/25/2011
54	C	26380K	SD	805	3.4-4		Revise Interchange	Otay River		DSA	09/12/2005	12/26/2006	05/24/2007	07/06/2008
55	C	26390K	SD	805	10	10.6	Revise Interchange			DSA	09/24/2005	01/07/2007	04/14/2007	10/11/2008

Table 5-1 Legend

*SWMP Category is defined in Statewide Storm Water Management Plan (SWMP) Section 4.4.1, Table 4-3,

- | | |
|-----|---|
| (A) | Beginning of project development process prior to approval of the PSR (Project Study Report) |
| (B) | PSR approved, but environmental documents are not final |
| (C) | Environmental documents final |
| (D) | Environmental documents final, designs complete and project in the construction phase of project delivery |

Note: The most updated SWMP is dated insert new SWMP date. Therefore, the SWMP Categories A, B, C, and D are selected for the projects between the five years period of Year to Year from PID to CCA.

**Criteria:

- | | |
|--------------|---|
| DSA | = Disturbed Soil Area is greater than 5 acres |
| 303d | = 303(d) listed water body within project limits and affected by project |
| 401 | = 401 Certification/waiver required |
| HR | = High Risk (Project limit within a high-risk area) |
| Key: | |
| EA | = Expenditure Authorization |
| CO-RTE-PM | = County / Route / Post Mile |
| SWPPP / WPCP | = Storm Water Pollution Prevention Plan / Water Pollution Control Program |
| Water Body | = Water body impacted by project |
| RB | = Regional Water Quality Control Board |
| PID | = Project Initiation Document |
| PAED | = Project Approval / Environmental Document |
| PS&E | = Plans, Specifications, and Estimates |
| RTL | = Ready to List |
| CCA | = Construction Completion Acceptance |
| SEP | = Supplemental Environmental Project |
| Retro | = Storm Water Retrofit Project (SWMP Section 4.4.2) |

Note: All projects that do not require a SWPPP will require a WPCP.

Table 5–2: District 11 Anticipated Maintenance Activities and Other Management Practices

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria (2)	Start Date	Completion Date
Maintenance Facility and Activity Inspections							
These facilities are inspected annually by the Maintenance Storm Water Coordinator. Deficiencies identified either are corrected promptly or are requested for a specific project is submitted if major renovations are needed.							
Maintenance Facility BMP Improvements/ Actions/Modifications							
Upon the FPPP review, the Maintenance Storm Water Coordinator and the Maintenance supervisor devise a corrective action plan and if necessary alert upper management of the need for structural controls.							
Vegetation Management and Vegetated Slope Management							
<p>The District's Vegetation Control Plan (VCP) for FY 2006-2007 is under development. The goal of the District's 2006-2007 VCP is to minimize the discharge of chemicals to receiving waters by reducing chemical use for vegetation control. The plan will include the following:</p> <ul style="list-style-type: none"> • Type of chemical to be applied • Applications locations, total acres applied, amount totals 							

Table 5-2 Legend

- (1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.
- (2) Criteria:
- 401 = 401 Certification/Waiver required
 - DSA = Disturbed Soil Area is greater than one (1) acre
 - 303d = 303 (d) listed water body within project limits and affected by project
 - 401 = 401 Certification/Waiver required
 - SEP = Supplemental Environmental Project
 - Retro = Storm Water Retrofit Project (SWMP Section Update with correct section #)
 - HR = Project limits within High Risk Area
 - RB = RWQCB designated project as a potential threat to water quality

Table 5–3: District 11 General Management Practices

Monitoring Activities
The District continues to implement the sampling for the SR56 project as required by the Coastal Commission. Any other sampling is done in accordance with the 3-year plan as outlined in the Statewide SWMP.
Construction Compliance Monitoring Program
The District has set up a weekly critical review meeting where key players participate in highlighting the Project's effective implementation as well as deficiencies of storm water controls. Once a project is selected, the project is reviewed pre and post meeting to ensure all deficiencies are corrected.
Training and Public Outreach
The District utilizes Headquarters resources for training as well as any other opportunities that arise. Regarding Public Education, the District is coordinating with the Sierra Club and local schools to educate the public about the "Don't Trash California" campaign. Pamphlets and other education media is also distributed at recruitment campaigns on college campuses.
Municipal Coordination
The District continues to participate in Municipal Co-permittee meetings. The District is involved in coordinating efforts with applicable municipalities where our projects fall within their boundaries.
TMDL Coordination
The Program Manager or an appointed representative attends meetings with the RWQCB, co-permittees and other stakeholders with regard to the determination of TMDLs.
Storm Water Data Report (SWDR)
In compliance with the Statewide Design Compliance Monitoring program, the District prepares SWDRs for all projects. Designers evaluate all projects for opportunities to include permanent Best Management Practices (BMPs) in accordance with PPDG guidelines.
Encroachment Permit
The District exercises its authority to enforce storm water requirements by imposing conditions in the encroachment permit. The District works with municipalities to ensure that requirements are consistent with theirs.